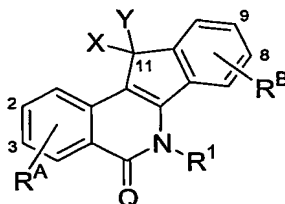


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CLAIMS:

1. A compound of the formula:



5 wherein

Q is oxygen or sulfur;

X is hydrogen and Y is CHR^2R^3 , NHR^2 , NHOR^2 , or NHN^2R^3 ; or X and Y are taken together to form $=\text{CR}^2\text{R}^3$; $=\text{NR}^2$; $=\text{NOR}^2$; or $=\text{NNR}^2\text{R}^3$;

R^1 , R^2 , and R^3 are each independently selected from the group consisting of hydrogen and a radical $-(\text{CH}_2)_m\text{Z}$, where m is an integer from 0-6 and Z is selected from the group consisting of halogen, hydroxy, formyl, $\text{C}_1\text{-C}_6$ alkanoyloxy, optionally substituted benzoyloxy, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_1\text{-C}_6$ alkoxy, $\text{C}_3\text{-C}_8$ cycloalkyl, $\text{C}_3\text{-C}_8$ cycloalkoxy, $\text{C}_2\text{-C}_6$ alkenyl, $\text{C}_2\text{-C}_6$ alkynyl, $\text{C}_1\text{-C}_6$ haloalkyl, $\text{C}_1\text{-C}_6$ haloalkoxy, $\text{C}_3\text{-C}_8$ halocycloalkyl, $\text{C}_3\text{-C}_8$ halocycloalkoxy, amino, $\text{C}_1\text{-C}_6$ alkylamino, $(\text{C}_1\text{-C}_6 \text{ alkyl})(\text{C}_1\text{-C}_6$ alkyl)amino, alkylcarbonylamino, N- $(\text{C}_1\text{-C}_6 \text{ alkyl})$ alkylcarbonylamino, aminoalkyl, $\text{C}_1\text{-C}_6$ alkylaminoalkyl, $(\text{C}_1\text{-C}_6 \text{ alkyl})(\text{C}_1\text{-C}_6 \text{ alkyl})$ aminoalkyl, alkylcarbonylaminoalkyl, N- $(\text{C}_1\text{-C}_6 \text{ alkyl})$ alkylcarbonylaminoalkyl, cyano, nitro, $\text{C}_1\text{-C}_6$ alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z is selected from the group consisting of $-\text{N}_3$, $-\text{CO}_2\text{R}^4$, $-\text{CONR}^5\text{R}^6$, $-\text{P}(\text{O})(\text{OR}^4)_2$, $-\text{P}(\text{O})(\text{NR}^4\text{R}^5)_2$, and $-\text{P}(\text{O})(\text{NR}^4\text{R}^5)(\text{OR}^4)$, where R^4 , R^5 , and R^6 are each independently selected in each occurrence from the group consisting of hydrogen, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_8$ cycloalkyl, $\text{C}_1\text{-C}_6$ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl- $\text{C}_1\text{-C}_6$ alkyl; or

when X and Y are taken together to form $=\text{NNR}^2\text{R}^3$, R^2 and R^3 are taken together with the attached nitrogen to form an optionally substituted heterocycle;

R^A represents 1-4 substituents each independently selected from the group consisting of hydrogen and a radical $-(\text{CH}_2)_{m'}\text{Z}'$, where m' is an integer from 0-6 and Z' is selected from the group consisting of halogen, hydroxy, $\text{C}_1\text{-C}_6$

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alkanoyloxy, optionally substituted benzoyloxy, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₃-C₈ cycloalkyl, C₃-C₈ cycloalkoxy, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ haloalkyl, C₁-C₆ haloalkoxy, C₃-C₈ halocycloalkyl, C₃-C₈ halocycloalkoxy, amino, C₁-C₆ alkylamino, (C₁-C₆ alkyl)(C₁-C₆ alkyl)amino, alkylcarbonylamino, N-(C₁-C₆ alkyl)alkylcarbonylamino, aminoalkyl, C₁-C₆ alkylaminoalkyl, (C₁-C₆ alkyl)(C₁-C₆ alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N-(C₁-C₆ alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C₁-C₆ alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z' is selected from the group consisting of -N₃, -CO₂R^{4'}, -CONR^{5'}R^{6'}, -P(O)(OR^{4'})₂, -P(O)(NR^{4'}R^{5'})₂, and -P(O)(NR^{4'}R^{5'})(OR^{4'}), where R^{4'}, R^{5'}, and R^{6'} are each independently selected in each occurrence from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl; or

R^A represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted carbocycle or an optionally substituted heterocycle, and the remaining 2 substituents are each independently selected from the group consisting of hydrogen and a radical -(CH₂)_{m'}Z', where m' is an integer from 0-6 and Z' is selected from the group consisting of halogen, hydroxy, C₁-C₆ alkanoyloxy, optionally substituted benzoyloxy, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₃-C₈ cycloalkyl, C₃-C₈ cycloalkoxy, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ haloalkyl, C₁-C₆ haloalkoxy, C₃-C₈ halocycloalkyl, C₃-C₈ halocycloalkoxy, amino, C₁-C₆ alkylamino, (C₁-C₆ alkyl)(C₁-C₆ alkyl)amino, alkylcarbonylamino, N-(C₁-C₆ alkyl)alkylcarbonylamino, aminoalkyl, C₁-C₆ alkylaminoalkyl, (C₁-C₆ alkyl)(C₁-C₆ alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N-(C₁-C₆ alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C₁-C₆ alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z' is selected from the group consisting of -N₃, -CO₂R^{4'}, -CONR^{5'}R^{6'}, -P(O)(OR^{4'})₂, -P(O)(NR^{4'}R^{5'})₂, and -P(O)(NR^{4'}R^{5'})(OR^{4'}), where R^{4'}, R^{5'}, and R^{6'} are each independently selected in each occurrence from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl; and

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R^B represents 1-4 substituents each independently selected from the group consisting of hydrogen and a radical $-(CH_2)_{m''}Z''$, where m'' is an integer from 0-6 and Z'' is selected from the group consisting of halogen, hydroxy, C_1-C_6 alkanoyloxy, optionally substituted benzoyloxy, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_3-C_8 cycloalkyl, C_3-C_8 cycloalkoxy, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, C_3-C_8 halocycloalkyl, C_3-C_8 halocycloalkoxy, amino, C_1-C_6 alkylamino, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ amino, alkylcarbonylamino, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylamino, aminoalkyl, C_1-C_6 alkylaminoalkyl, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ aminoalkyl, alkylcarbonylaminoalkyl, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylaminoalkyl, cyano, nitro, C_1-C_6 alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z'' is selected from the group consisting of $-N_3$, $-CO_2R^{4''}$, $-CONR^{5''}R^{6''}$, $-P(O)(OR^{4''})_2$, $-P(O)(NR^{4''}R^{5''})_2$, and $-P(O)(NR^{4''}R^{5''})(OR^{4''})$, where $R^{4''}$, $R^{5''}$, and $R^{6''}$ are each independently selected in each occurrence from the group consisting of hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, optionally substituted phenyl, and optionally substituted phenyl- C_1-C_6 alkyl; or

R^B represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted carbocycle or an optionally substituted heterocycle, and the remaining 2 substituents are each independently selected from the group consisting of hydrogen and a radical $-(CH_2)_{m''}Z''$, where m'' is an integer from 0-6 and Z'' is selected from the group consisting of halogen, hydroxy, C_1-C_6 alkanoyloxy, optionally substituted benzoyloxy, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_3-C_8 cycloalkyl, C_3-C_8 cycloalkoxy, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, C_3-C_8 halocycloalkyl, C_3-C_8 halocycloalkoxy, amino, C_1-C_6 alkylamino, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ amino, alkylcarbonylamino, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylamino, aminoalkyl, C_1-C_6 alkylaminoalkyl, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ aminoalkyl, alkylcarbonylaminoalkyl, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylaminoalkyl, cyano, nitro, C_1-C_6 alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z'' is selected from the group consisting of $-N_3$, $-CO_2R^{4''}$, $-CONR^{5''}R^{6''}$, $-P(O)(OR^{4''})_2$, $-P(O)(NR^{4''}R^{5''})_2$, and $-P(O)(NR^{4''}R^{5''})(OR^{4''})$, where $R^{4''}$, $R^{5''}$, and $R^{6''}$ are each independently selected in each occurrence from the group consisting of

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hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl is described.

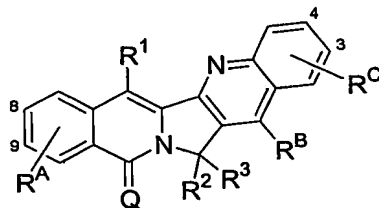
2. The compound of claim 1, wherein X and Y are taken together to form =CR²R³.
- 5 3. The compound of claim 1, wherein X and Y are taken together to form =CR²R³, and the carbon-carbon double bond formed thereby is an E-double bond.
4. The compound of claim 1, wherein Z is selected from the group consisting of hydroxy, amino, C₁-C₆ alkylamino, and nitro.
- 10 5. The compound of claim 1, wherein Z' is selected from the group consisting of C₁-C₆ alkoxy and nitro.
6. The compound of claim 1, wherein Z'' is selected from the group consisting of C₁-C₆ alkoxy and nitro.
7. The compound of claim 1, wherein X and Y are taken together to form =CR²R³; and R² is C₁-C₆ haloalkyl or aminoalkyl; and R¹ is hydrogen.
- 15 8. The compound of claim 1, wherein R^B represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted heterocycle.
9. The compound of claim 1, wherein R^B represents 2-4 substituents where 2 of the substituents are adjacent substituents and are taken together with the attached carbons to form a heterocycle selected from the group consisting of dioxolane and dioxane.
- 20 10. The compound of claim 1, wherein R^B represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted heterocycle; and Z'' is selected from the group consisting of C₁-C₆ alkoxy and nitro.
- 25 11. The compound of claim 1, wherein Q is oxygen; and R^A is 2,3-bis(C₁-C₆ alkoxy).
12. The compound of claim 1, wherein Q is oxygen; and R¹ is C₁-C₆ alkyl, aminoalkyl, or C₁-C₆ haloalkyl.
- 30

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13. The compound of claim 1, wherein Q is oxygen, R^A is 2,3-bis(C₁-C₆ alkoxy), R^B is 8,9-alkylenedioxy, and X and Y are taken together to form =CR²R³, where R² is hydrogen.

14. The compound of claim 1, wherein Q is oxygen, R^A is 2,3-bis(C₁-C₆ alkoxy), R^B is 8,9-alkylenedioxy, X and Y are taken together to form =CR²R³, R² is hydrogen, and R¹ is hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, C₃-C₈ halocycloalkyl, amino-C₁-C₆ alkyl, C₁-C₆ alkylamino-C₁-C₆ alkyl, or (C₁-C₆ alkyl)(C₁-C₆ alkyl)amino-C₁-C₆ alkyl.

15. A compound of the formula:



10

wherein

Q is oxygen or sulfur;

R¹, R², and R³ are each independently selected from the group consisting of hydrogen and a radical -(CH₂)_mZ, where m is an integer from 0-6 and Z is selected from the group consisting of halogen, hydroxy, formyl, C₁-C₆ alkanoyloxy, optionally substituted benzoyloxy, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₃-C₈ cycloalkyl, C₃-C₈ cycloalkoxy, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ haloalkyl, C₁-C₆ haloalkoxy, C₃-C₈ halocycloalkyl, C₃-C₈ halocycloalkoxy, amino, C₁-C₆ alkylamino, (C₁-C₆ alkyl)(C₁-C₆ alkyl)amino, alkylcarbonylamino, N-(C₁-C₆ alkyl)alkylcarbonylamino, aminoalkyl, C₁-C₆ alkylaminoalkyl, (C₁-C₆ alkyl)(C₁-C₆ alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N-(C₁-C₆ alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C₁-C₆ alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z is selected from the group consisting of -N₃, -CO₂R⁴, -CONR⁵R⁶, -P(O)(OR⁴)₂, -P(O)(NR⁴R⁵)₂, and -P(O)(NR⁴R⁵)(OR⁴), where R⁴, R⁵, and R⁶ are each independently selected in each occurrence from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl; or

25

R¹ is selected from the group consisting of hydrogen and a radical -(CH₂)_mZ, where m is an integer from 0-6 and Z is selected from the group consisting

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of halogen, hydroxy, formyl, C₁-C₆ alkanoyloxy, optionally substituted benzoyloxy, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₃-C₈ cycloalkyl, C₃-C₈ cycloalkoxy, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ haloalkyl, C₁-C₆ haloalkoxy, C₃-C₈ halocycloalkyl, C₃-C₈ halocycloalkoxy, amino, C₁-C₆ alkylamino, (C₁-C₆ alkyl)(C₁-C₆ alkyl)amino, alkylcarbonylamino, N-(C₁-C₆ alkyl)alkylcarbonylamino, aminoalkyl, C₁-C₆ alkylaminoalkyl, (C₁-C₆ alkyl)(C₁-C₆ alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N-(C₁-C₆ alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C₁-C₆ alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z is selected from the group consisting of -N₃, -CO₂R⁴, -CONR⁵R⁶, -P(O)(OR⁴)₂, -P(O)(NR⁴R⁵)₂, and -P(O)(NR⁴R⁵)(OR⁴), where R⁴, R⁵, and R⁶ are each independently selected in each occurrence from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl; and R² and R³ are taken together with the attached carbon to form an optionally substituted carbocycle or heterocycle;

R^A represents 1-4 substituents each independently selected from the group consisting of hydrogen and a radical -(CH₂)_mZ', where m' is an integer from 0-6 and Z' is selected from the group consisting of halogen, hydroxy, C₁-C₆ alkanoyloxy, optionally substituted benzoyloxy, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₃-C₈ cycloalkyl, C₃-C₈ cycloalkoxy, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ haloalkyl, C₁-C₆ haloalkoxy, C₃-C₈ halocycloalkyl, C₃-C₈ halocycloalkoxy, amino, C₁-C₆ alkylamino, (C₁-C₆ alkyl)(C₁-C₆ alkyl)amino, alkylcarbonylamino, N-(C₁-C₆ alkyl)alkylcarbonylamino, aminoalkyl, C₁-C₆ alkylaminoalkyl, (C₁-C₆ alkyl)(C₁-C₆ alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N-(C₁-C₆ alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C₁-C₆ alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z' is selected from the group consisting of -N₃, -CO₂R^{4'}, -CONR^{5'}R^{6'}, -P(O)(OR^{4'})₂, -P(O)(NR^{4'}R^{5'})₂, and -P(O)(NR^{4'}R^{5'})(OR^{4'}), where R^{4'}, R^{5'}, and R^{6'} are each independently selected in each occurrence from the group consisting of hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl; or

R^A represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally

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substituted carbocycle or an optionally substituted heterocycle, and the remaining 2 substituents are each independently selected from the group consisting of hydrogen and a radical $-(CH_2)_{m'}Z'$, where m' is an integer from 0-6 and Z' is selected from the group consisting of halogen, hydroxy, C_1 - C_6 alkanoyloxy, optionally substituted
 5 benzoyloxy, C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_3 - C_8 cycloalkyl, C_3 - C_8 cycloalkoxy, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 haloalkyl, C_1 - C_6 haloalkoxy, C_3 - C_8 halocycloalkyl, C_3 - C_8 halocycloalkoxy, amino, C_1 - C_6 alkylamino, $(C_1$ - C_6 alkyl)(C_1 - C_6 alkyl)amino, alkylcarbonylamino, N -(C_1 - C_6 alkyl)alkylcarbonylamino, aminoalkyl, C_1 - C_6 alkylaminoalkyl, $(C_1$ - C_6 alkyl)(C_1 - C_6 alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N -
 10 $(C_1$ - C_6 alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C_1 - C_6 alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z' is selected from the group consisting of $-N_3$, $-CO_2R^4$, $-CONR^{5'}R^{6'}$, $-P(O)(OR^{4'})_2$, $-P(O)(NR^{4'}R^{5'})_2$, and $-P(O)(NR^{4'}R^{5'})(OR^{4'})$, where $R^{4'}$, $R^{5'}$, and $R^{6'}$ are each independently selected in each occurrence from the group consisting of
 15 hydrogen, C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, C_1 - C_6 haloalkyl, optionally substituted phenyl, and optionally substituted phenyl- C_1 - C_6 alkyl;

R^B is selected from the group consisting of hydrogen and a radical $-(CH_2)_{m''}Z''$, where m'' is an integer from 0-6 and Z'' is selected from the group consisting of halogen, hydroxy, C_1 - C_6 alkanoyloxy, optionally substituted
 20 benzoyloxy, C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_3 - C_8 cycloalkyl, C_3 - C_8 cycloalkoxy, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 haloalkyl, C_1 - C_6 haloalkoxy, C_3 - C_8 halocycloalkyl, C_3 - C_8 halocycloalkoxy, amino, C_1 - C_6 alkylamino, $(C_1$ - C_6 alkyl)(C_1 - C_6 alkyl)amino, alkylcarbonylamino, N -(C_1 - C_6 alkyl)alkylcarbonylamino, aminoalkyl, C_1 - C_6 alkylaminoalkyl, $(C_1$ - C_6 alkyl)(C_1 - C_6 alkyl)aminoalkyl, alkylcarbonylaminoalkyl, N -
 25 $(C_1$ - C_6 alkyl)alkylcarbonylaminoalkyl, cyano, nitro, C_1 - C_6 alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z'' is selected from the group consisting of $-N_3$, $-CO_2R^{4''}$, $-CONR^{5''}R^{6''}$, $-P(O)(OR^{4''})_2$, $-P(O)(NR^{4''}R^{5''})_2$, and $-P(O)(NR^{4''}R^{5''})(OR^{4''})$, where $R^{4''}$, $R^{5''}$, and $R^{6''}$ are each independently selected in each occurrence from the group consisting of
 30 hydrogen, C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, C_1 - C_6 haloalkyl, optionally substituted phenyl, and optionally substituted phenyl- C_1 - C_6 alkyl; and'

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R^C represents 1-4 substituents each independently selected from the group consisting of hydrogen and a radical $-(CH_2)_{m'''}Z'''$, where m''' is an integer from 0-6 and Z''' is selected from the group consisting of halogen, hydroxy, C_1-C_6 alkanoyloxy, optionally substituted benzoyloxy, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_3-C_8 cycloalkyl, C_3-C_8 cycloalkoxy, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, C_3-C_8 halocycloalkyl, C_3-C_8 halocycloalkoxy, amino, C_1-C_6 alkylamino, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ amino, alkylcarbonylamino, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylamino, aminoalkyl, C_1-C_6 alkylaminoalkyl, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ aminoalkyl, alkylcarbonylaminoalkyl, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylaminoalkyl, cyano, nitro, C_1-C_6 alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z''' is selected from the group consisting of $-N_3$, $-CO_2R^{4''}$, $-CONR^{5''}R^{6''}$, $-P(O)(OR^{4''})_2$, $-P(O)(NR^{4''}R^{5''})_2$, and $-P(O)(NR^{4''}R^{5''})(OR^{4''})$, where $R^{4''}$, $R^{5''}$, and $R^{6''}$ are each independently selected in each occurrence from the group consisting of hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, optionally substituted phenyl, and optionally substituted phenyl- C_1-C_6 alkyl; or

R^C represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted carbocycle or an optionally substituted heterocycle, and the remaining 2 substituents are each independently selected from the group consisting of hydrogen and a radical $-(CH_2)_{m'''}Z'''$, where m''' is an integer from 0-6 and Z''' is selected from the group consisting of halogen, hydroxy, C_1-C_6 alkanoyloxy, optionally substituted benzoyloxy, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_3-C_8 cycloalkyl, C_3-C_8 cycloalkoxy, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, C_3-C_8 halocycloalkyl, C_3-C_8 halocycloalkoxy, amino, C_1-C_6 alkylamino, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ amino, alkylcarbonylamino, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylamino, aminoalkyl, C_1-C_6 alkylaminoalkyl, $(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$ aminoalkyl, alkylcarbonylaminoalkyl, $N-(C_1-C_6 \text{ alkyl})$ alkylcarbonylaminoalkyl, cyano, nitro, C_1-C_6 alkylsulfonyl, optionally substituted phenyl, optionally substituted phenoxy, and optionally substituted heteroaryl; or Z''' is selected from the group consisting of $-N_3$, $-CO_2R^{4''}$, $-CONR^{5''}R^{6''}$, $-P(O)(OR^{4''})_2$, $-P(O)(NR^{4''}R^{5''})_2$, and $-P(O)(NR^{4''}R^{5''})(OR^{4''})$, where $R^{4''}$, $R^{5''}$, and $R^{6''}$ are each independently selected in each occurrence from the group consisting of

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hydrogen, C₁-C₆ alkyl, C₃-C₈ cycloalkyl, C₁-C₆ haloalkyl, optionally substituted phenyl, and optionally substituted phenyl-C₁-C₆ alkyl is described.

16. The compound of claim 15, wherein at least one of R¹, R², R³, R^A, R^B, or R^C is not hydrogen.

5 17. The compound of claim 15, wherein R^A is 2,3-bis(C₁-C₆ alkoxy).

18. The compound of claim 15, wherein Q is oxygen, R^A is 2,3-bis(C₁-C₆ alkoxy), and R^B, R^C, R¹, R², and R³ are each hydrogen.

10 19. The compound of claim 15, wherein Z' is selected from the group consisting of hydroxy and nitro.

20. The compound of claim 15, wherein R^A represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted carbocycle or an optionally substituted heterocycle, and the remaining 2 substituents are each independently selected from the group consisting of hydrogen and a radical -(CH₂)_mZ', where Z' is selected from the group consisting of hydroxy and nitro.

21. The compound of claim 15, wherein Z'' is nitro.

22. The compound of claim 15, wherein Z''' is nitro.

23. The compound of claim 15, wherein R^C represents 2-4 substituents where 2 of said substituents are adjacent substituents and are taken together with the attached carbons to form an optionally substituted carbocycle or an optionally substituted heterocycle, and the remaining 2 substituents are each independently selected from the group consisting of hydrogen and a radical -(CH₂)_mZ'''; and Z''' is nitro.

25 24. A pharmaceutical composition comprising a compound of claim 1 or claim 15 and a pharmaceutically acceptable carrier, excipient, or diluent therefor.

25. A method for treating a mammal in need of relief from a disease state including cancer, comprising administering to the mammal an effective amount of a compound according to claim 1 or claim 15 or an effective amount of a pharmaceutical composition according to claim 24.